

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|-----------------------------|--------------------|------------------|---------|------------------|
| L1 | 2675 | pseudo-random adj sequence | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:48 |
| L2 | 3412 | PN adj sequence | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:48 |
| L3 | 5866 | l1 or l2 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:49 |
| L4 | 56953 | base adj station | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:49 |
| L5 | 922 | l3 same l4 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:49 |
| L6 | 1100 | 455/67.11 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:49 |
| L7 | 187 | 455/67.16 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:49 |
| L8 | 1177 | L6 or L7 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:49 |
| L9 | 21 | l5 and L8 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:52 |
| L10 | 22396 | norma\$ near3 energ\$ | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:52 |
| L11 | 2 | l10 and L8 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:53 |
| L12 | 493 | normaliz\$ adj energy | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:53 |
| L13 | 12 | l3 and l12 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:54 |
| L14 | 11 | l13 and phase | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:54 |
| L15 | 7 | l14 and pilot and delay | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:55 |
| L16 | 2124176 | calculat\$ or measur\$ | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:56 |
| L17 | 46609 | l16 near3 energ\$ | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:56 |
| L18 | 2003 | pseudo-random adj noise | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:56 |
| L19 | 2682 | pseudo adj random adj noise | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:56 |
| L20 | 2682 | L18 or L19 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:56 |

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|-----|---------|---|--------------------|----|-----|------------------|
| L21 | 7779 | I3 or L20 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:57 |
| L22 | 586 | I17 and I21 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:57 |
| L23 | 456 | I22 and phase | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:57 |
| L24 | 424 | I23 not samsung | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:57 |
| L25 | 326 | I24 and @AD<"20020910" | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:01 |
| L26 | 6 | I8 and I25 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:58 |
| L27 | 4 | I25 and normalizer | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:02 |
| L28 | 107 | I25 and normaliz\$ | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:04 |
| L29 | 4 | I12 and I25 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:06 |
| L30 | 721924 | acquir\$ or track or tracking or tracked or tracks | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:06 |
| L31 | 10435 | I30 near2 phase | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:07 |
| L32 | 71 | I31 same I21 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:48 |
| L33 | 180 | "5490165" | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:10 |
| L34 | 850 | blakeney | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:10 |
| L35 | 1 | "5490165".pn. | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:13 |
| L36 | 1 | "6263010".pn. | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:13 |
| L37 | 0 | ("6944149").URPN. | USPAT | OR | OFF | 2006/06/23 21:30 |
| L38 | 289 | phase adj estimator | USPAT | OR | OFF | 2006/06/23 21:30 |
| L39 | 0 | "measuring phase of a pseudorandom" | USPAT | OR | OFF | 2006/06/23 21:31 |
| L40 | 7154833 | (measuring phase of a pseudorandom) | USPAT | OR | OFF | 2006/06/23 21:31 |
| L41 | 289 | I38 and I40 | USPAT | OR | OFF | 2006/06/23 21:31 |
| L42 | 3 | I41 and CSI | USPAT | OR | OFF | 2006/06/23 21:32 |
| L43 | 2 | code adj phase adj estimator | USPAT | OR | OFF | 2006/06/23 21:32 |

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| L44 | 8 | ("5390207" "5414729" "5808582" "5809064" "5963582" "6160841" "6463091" "6493378").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/23 21:33 |
| L45 | 32 | I32 and early and late | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:40 |
| L46 | 21 | I45 and energy | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:40 |
| L47 | 0 | measur\$ with I8 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:48 |
| L48 | 13921 | measur\$ adj phase | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:49 |
| L49 | 0 | I48 same I8 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:49 |
| L50 | 67 | I48 same I21 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:39 |
| L51 | 3 | I50 and late and early and energy | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:49 |
| L52 | 5 | I50 and normaliz\$ | US-PGPUB; USPAT | OR | OFF | 2006/06/23 21:51 |
| L53 | 17 | csi adj wireless | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:00 |
| L54 | 10 | I53 and phase | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:00 |
| L55 | 2 | I53 and phase and PN | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:00 |
| L56 | 395 | I48 and I21 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:01 |
| L57 | 208 | I56 and energy | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:02 |
| L58 | 80 | I57 and early and late | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:02 |
| L59 | 7779 | I21 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:11 |
| L60 | 2024 | I59 same phase | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:11 |
| L61 | 1581 | I59 same phase same signal | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:11 |
| L62 | 2124176 | measur\$ or calculat\$ | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:12 |
| L63 | 10567 | I62 adj energy | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:12 |
| L64 | 45 | I61 and I63 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:16 |

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|-----|-------|--|--------------------|----|-----|------------------|
| L65 | 666 | first adj measur\$ same energy | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:13 |
| L66 | 0 | l64 and l65 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:13 |
| L67 | 0 | l51 and l65 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:13 |
| L68 | 12 | l59 and l65 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:13 |
| L69 | 492 | pn adj sequence adj generator | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:17 |
| L70 | 9241 | pilot adj signal | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:16 |
| L71 | 171 | l69 and l70 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:20 |
| L72 | 14 | local adj pn adj sequence adj generator | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:17 |
| L73 | 7 | l72 and l70 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:17 |
| L74 | 153 | l71 and phase | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:20 |
| L75 | 33127 | measur\$ near2 phase | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:21 |
| L76 | 40 | l74 and l75 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:23 |
| L77 | 10 | "6246717" | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:23 |
| L78 | 56 | l8 and l21 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:40 |
| L79 | 27 | l78 and phase and energy | US-PGPUB; USPAT | OR | OFF | 2006/06/23 22:41 |
| L80 | 19 | l78 and phase and energy and pilot | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:20 |
| L81 | 1410 | normaliz\$ near2 energy | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:24 |
| L82 | 53 | l59 and l81 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:21 |
| L83 | 0 | l82 and l8 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:21 |
| L84 | 41 | l82 and phase | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:21 |
| L85 | 26 | l82 and phase and path | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:21 |

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|-----|------|---|--------------------|----|-----|------------------|
| L86 | 1852 | normalizer | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:24 |
| L87 | 59 | l86 and l21 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:25 |
| L88 | 0 | l8 and l87 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:25 |
| L89 | 0 | l8 and normalizer | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:25 |
| L90 | 105 | l8 and normaliz\$ | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:25 |
| L91 | 71 | l90 and phase | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:25 |
| L92 | 7 | l91 and l21 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:34 |
| L93 | 492 | pn adj sequence adj generator | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:34 |
| L94 | 167 | pn adj desreader | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:34 |
| L95 | 12 | l93 and l94 | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:40 |
| L96 | 9 | l95 and phase and measur\$ and sequence and energy and normaliz\$ | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:41 |
| L97 | 4 | l95 and phase and measur\$ and sequence and energy and normaliz\$ and delay and subtrac\$ | US-PGPUB; USPAT | OR | OFF | 2006/06/23 23:41 |
| S1 | 2003 | pseudo-random adj noise | US-PGPUB; USPAT | OR | OFF | 2006/06/23 20:48 |
| S2 | 1100 | 455/67.11 | US-PGPUB; USPAT | OR | OFF | 2006/06/22 17:24 |
| S3 | 10 | S1 and S2 | US-PGPUB; USPAT | OR | OFF | 2006/06/22 17:23 |
| S4 | 1 | normalized adj energy adj value adj output | US-PGPUB; USPAT | OR | OFF | 2006/06/22 17:24 |
| S5 | 187 | 455/67.16 | US-PGPUB; USPAT | OR | OFF | 2006/06/22 17:24 |
| S6 | 1177 | S2 or S5 | US-PGPUB; USPAT | OR | OFF | 2006/06/22 18:13 |
| S7 | 3412 | PN adj sequence | US-PGPUB; USPAT | OR | OFF | 2006/06/22 18:14 |
| S8 | 2682 | pseudo adj random adj noise | US-PGPUB; USPAT | OR | OFF | 2006/06/22 18:14 |
| S9 | 2682 | S1 or S8 | US-PGPUB; USPAT | OR | OFF | 2006/06/22 18:14 |

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|-----|--------|-----------------------|--------------------|----|-----|------------------|
| S10 | 274 | S9 adj sequence | US-PGPUB; USPAT | OR | OFF | 2006/06/22 18:14 |
| S11 | 3558 | S7 or S10 | US-PGPUB; USPAT | OR | OFF | 2006/06/22 18:14 |
| S12 | 1147 | S11 same phase | US-PGPUB; USPAT | OR | OFF | 2006/06/22 18:15 |
| S13 | 13 | S12 and S6 | US-PGPUB; USPAT | OR | OFF | 2006/06/22 18:15 |
| S14 | 145626 | measur\$ same energ\$ | US-PGPUB; USPAT | OR | OFF | 2006/06/22 18:16 |
| S15 | 6 | S13 and S14 | US-PGPUB; USPAT | OR | OFF | 2006/06/22 18:16 |
| S16 | 44 | early adj path | US-PGPUB; USPAT | OR | OFF | 2006/06/22 18:16 |
| S17 | 38 | late adj path | US-PGPUB; USPAT | OR | OFF | 2006/06/22 18:16 |
| S18 | 15 | S16 and S17 | US-PGPUB; USPAT | OR | OFF | 2006/06/22 18:16 |
| S19 | 0 | S15 and S18 | US-PGPUB; USPAT | OR | OFF | 2006/06/22 18:16 |
| S20 | 0 | S18 and S6 | US-PGPUB; USPAT | OR | OFF | 2006/06/22 18:16 |